

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A grinding wheel comprising:

an annular core body ~~having a porous structure which includes a multiplicity~~ of aggregate particles and a resin bond that holds said aggregate particles together;

an abrasive layer which is disposed radially outwardly of said annular core body and which includes a multiplicity of abrasive grains and a vitrified bond that holds said abrasive grains together; and

an impermeable coating which is formed of a synthetic resin, and which covers a surface of said annular core body over an entirety of said core body, so that a portion of said impermeable coating disposed on an outer circumferential surface of said annular core body is interposed between said annular core body and said abrasive layer.

2. (Original) A grinding wheel according to claim 1, wherein said annular core body further includes at least one sheet of glass fabric each of which is provided by a multiplicity of glass yarns and each of which is embedded in said annular core body and extends perpendicularly to an axial direction of said annular core body.

3. (Original) A grinding wheel according to claim 2, wherein said at least one sheet of glass fabric consists of a plurality of sheets of glass fabric which are arranged in said axial direction of said annular core body.

4. (Original) A grinding wheel according to claim 1, wherein said abrasive layer is provided by a plurality of abrasive segment chips which are arranged in a circumferential direction of said annular core body and which are fixed to an outer circumferential surface of said annular core body.

5. (Previously Presented) A grinding wheel according to claim 4, wherein said plurality of abrasive segment chips includes at least one pair of segment chips having respective circumferential end faces which are circumferentially opposed to each other with a predetermined amount of gap therebetween and which are non-parallel with respect to an axial direction of said annular core body.

6. (Canceled)

7. (Original) A grinding wheel according to claim 1, wherein said impermeable coating is formed of an epoxy resin.

8. (Original) A grinding wheel according to claim 1, wherein said impermeable coating is formed of a phenol resin.

9. (Previously Presented) A grinding wheel, comprising:

an annular core body which includes a multiplicity of aggregate particles and a resin bond that holds said aggregate particles together;

an abrasive layer which is disposed radially outwardly of said annular core body and which includes a multiplicity of abrasive grains and a vitrified bond that holds said abrasive grains together; and

an impermeable coating which is formed of a synthetic resin, and which is disposed on a surface of said annular core body,

wherein said annular core body is covered over an entirety thereof with said impermeable coating, so that a portion of said impermeable coating disposed on an outer circumferential surface of said annular core body is interposed between said annular core body and said abrasive layer.